

Student thesis

Herman Sletmoen

Neutron Stars

Tolman-Oppenheimer-Volkoff equations, ideal equation of state and stability analysis

Student thesis in Applied Physics and Mathematics

Supervisor: Jens Oluf Andersen

December 2021

NTNU
Norwegian University of Science and Technology
Faculty of Natural Sciences
Department of Physics



The Crab Pulsar at the heart of the Crab Nebula. Credit: NASA/CXC/SAO (X-ray), NASA/STScI (optical), NASA-JPL-Caltech (infrared).



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